

28 January 1994

## OPERATIONS

### Precision Measurement Equipment Laboratory

1. **Objective.** As prescribed in AFI 38-201, Air Force Manpower Determinant System dated May 91 (formerly AFR 8-10), this Air National Guard Manpower Standard (ANGMS) quantifies the full-time manpower requirement to accomplish the tasks described in the work center description (WCD) for varying levels of workload volume within the Precision Measurement Equipment Laboratory (PMEL) Operations function.

2. **Authority.** The AFI 21-series (formerly the 66-series and 74-2 Air Force (AF) and/or Air National Guard (ANG) directives contain command policy and procedural guidance for the PMEL Operations function. This ANGMS is developed in accordance with procedures contained in AFPAM 38-208, AF Management Engineering Program (MEP) Policies, Responsibilities and Requirements dated May 88 (formerly AFR 25-5, 16 May 88).

3. **Applicability:**

a. This standard applies to the following ANG Type II PMELs with full-time authorizations in the PMEL Operations function:

- (1) 102 FW, Otis ANGB MA
- (2) 127 FW, Selfridge ANGB MI
- (3) 148 FG, Duluth IAP MN
- (4) 190 ARG, Topeka KS

b. This standard applies to peacetime operations only.

4. **Standard Data:**

a. Classification. Type III.

b. Approval Date. 17 Aug 93.

c. Man-hour Data Source. Functional Model.

d. Standard Man-hour Equation.  $Y = 3.539X$

e. Workload Factor (WLF):

(1) Title. The number of F, J, & K transactions completed.

(2) Definition. The average monthly number of F, J, & K transactions completed by the PMEL. Use last 12 months' data.

(3) Source. Semiannual RCS LOG-LG(SA) 7808 Report maintained by ANGRC/LGM; in block 16, total the F, J, & K action taken codes. Twelve months' data is required to attain the monthly average of transactions.

5. **Application Instructions:**

a. The standard is valid through the man-hour range of 1525.32 through 4076.47. Extrapolation limits represent the upper and lower man-hour values that bind the applicability range. These limits represent the maximum amount the equation can be extended.

b. Calculate the correct value for the WLF identified in paragraph 4e above. Substitute the value for the appropriate value of X in the man-hour equation identified in paragraph 4d.

c. Divide the computed allowed man-hours by the appropriate civilian Man-hour Availability Factor (MAF) to determine total manpower requirements.

d. Refer to the Standard Manpower Table, AF Form 1113, for skill and grade distribution. Find the column in which the total number of authorizations fall, then read up and across to determine total manpower by AFSC.

6. **Statement of Conditions.** The normal hours of operation for this work center are eight hours per day, five days per week. There are no other standard of living constraints that affect the daily operation of this work center.

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OFFICIAL

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**2 Attachments**  
**1. Work Center Description**  
**2. Standard Manpower Table**

## WORK CENTER DESCRIPTION

### OPERATIONS

#### Precision Measurement Equipment Laboratory

#### DIRECT:

#### 1. PRECISION MEASUREMENT EQUIPMENT LABORATORY (PMEL) OPERATIONS:

**1.1. PERFORMS DAILY MAINTENANCE PLANNING.** Participates in scheduled maintenance preplanning and daily maintenance planning activity in response to plan, scheduling, and production control requirement; including on-site support.

**1.1.1. REVIEWS PMEL AUTOMATED MANAGEMENT SUBSYSTEM (PAMS) INFORMATION.**

**1.1.2. PRODUCES AND REVIEWS PRECEDING DAY'S PRODUCTION AND MAINTENANCE DATA COLLECTION (MDC) RECORD.**

**1.1.3. REVIEWS STATUS LISTING OF TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT (TMDE) LOCATED IN LABORATORY.**

**1.1.4. COORDINATES WITH SCHEDULER AND REVIEWS INCOMING SCHEDULED AND UNSCHEDULED WORKLOAD.**

**1.1.5. DEVELOPS WORK PLAN.** Develops and implements internal laboratory and on-site work plan based on availability of resources.

**1.1.6. COORDINATES PRIORITY AND INSURES CUSTOMER IS INFORMED OF PRIORITY STATUS AND COMPLETION DATE.**

**1.1.7. MAKES SPECIFIC DAILY DUTY ASSIGNMENT ON WORK PLAN, RESOURCE, SKILL REQUIRED, AND PRIORITY.**

**1.1.8. MONITORS WORK IN PROGRESS.**

**1.2. MONITORS ADEQUACY OF SUPPLY SUPPORT.** Monitors the adequacy of supply support and identifies problem area for resolution.

**1.3. MONITORS LOCATION AND CONTENT OF BENCH STOCK.** Monitors bench stock and coordinates with maintenance supervision and work center personnel.

**1.4. CONTROLS TEST FIXTURE.** Controls, identifies, stores, and accounts for test fixture.

**1.5. REVIEWS AND EVALUATES SUGGESTION.** Reviews and evaluates suggestion submitted through suggestion program channel.

#### **1.6. MANAGES EQUIPMENT:**

**1.6.1. DETERMINES EQUIPMENT REQUIREMENT.** Reviews applicable table of allowances. Determines need and authorization for equipment. Researches stock number or nomenclature.

**1.6.2. SUBMITS REQUISITION.** Prepares and submits requisition and takes necessary follow-up action. Records request and maintains custodian request log.

#### **1.6.3. MAINTAINS CUSTODIAN DOCUMENT:**

**1.6.3.1. RECEIVES AND REVIEWS LISTING FROM SUPPLY, POSTS CHANGE, AND RESOLVES INCONSISTENCY.**

**1.6.3.2. MAINTAINS SUSPENSE AND COMPLETED COPY OF DOCUMENTATION TO DETERMINE STATUS OF EQUIPMENT.**

**1.6.3.3. VERIFIES AND MAINTAINS CUSTODIAN AUTHORIZATION/CUSTODY RECEIPT LISTING (CA/CRL).**

**1.6.3.4. PREPARES AND MAINTAINS LISTING OF OFFICE EQUIPMENT.****1.6.3.5. PREPARES AND MAINTAINS AF FORM 1297, TEMPORARY ISSUE RECEIPT, FOR EQUIPMENT LOANED OUTSIDE OF LABORATORY.****1.6.3.6. PREPARES AND MAINTAINS AF FORM 9, REQUEST FOR PURCHASE.**

**1.6.4. CONDUCTS INVENTORY.** Inventories equipment on account and ensures accuracy of record. Affixes identification label to equipment item.

**2. HAZARDOUS WASTE AND MATERIAL PROGRAM:****2.1. MAINTAINS INVENTORY OF HAZARDOUS MATERIAL:****2.1.1. MAINTAINS RECORD OF VOLATILE ORGANIC COMPOUND USED AND REPORTS IAW STATE AND FEDERAL REGULATION.****2.1.2. PROVIDES HAZARDOUS COMMUNICATION TRAINING IAW STATE AND FEDERAL REGULATION.****2.1.3. CATEGORIZES HAZARDOUS WASTE MATERIAL.****2.1.4. PACKAGES AND LABELS HAZARDOUS WASTE MATERIAL IAW DIRECTIVE.****2.1.5. TURNS IN HAZARDOUS WASTE MATERIAL TO APPROPRIATE AGENCY.****2.1.6. MAINTAINS HAZARDOUS WASTE COLLECTION POINT.****2.1.7. MAINTAINS OTHER DOCUMENTATION AND RECORDS DATA REQUIRED BY APPROPRIATE STATE/FEDERAL AGENCY.****2.2. MAINTAINS RADIOACTIVE CALIBRATION SOURCE PROGRAM:****2.2.1. MAINTAINS RADIOACTIVE SOURCE PROGRAM IAW NUCLEAR REGULATORY COMMISSION (NRC) DIRECTIVE, AIR FORCE DIRECTIVE, AND/OR RADIOACTIVE MATERIAL (RAM) PERMIT:****2.2.1.1. MAINTAINS APPOINTMENT LETTER FOR RADIATION SAFETY OFFICE, RAM SOURCE USER, AND RADIOLOGICAL MONITOR.****2.2.1.2. PERFORMS SELF INSPECTION.****2.2.1.3. PERFORMS TRAINING ASSOCIATED WITH RAM PERMIT.****2.2.1.4. SHIPS RAM FOR RECERTIFICATION/TURN-IN.****2.2.1.5. RECEIVES RAM FROM RECERTIFICATION/INITIAL ISSUE.****2.2.1.6. MAINTAINS DOCUMENTATION ASSOCIATED WITH RAM.****2.3. ADMINISTERS HAZARDOUS RADIOACTIVE WASTE MATERIAL PROGRAM:****2.3.1. SUBMITS REQUEST FOR HAZARDOUS MATERIAL PERMIT.****2.3.2. PACKAGES HAZARDOUS RADIOACTIVE MATERIAL.****2.3.3. STORES HAZARDOUS RADIOACTIVE MATERIAL.****2.3.4. DISPOSES OF HAZARDOUS RADIOACTIVE MATERIAL.****3. TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT (TMDE):****3.1. PROCESSES VOLTAGE, CURRENT, AND RESISTANCE TMDE:****3.1.1. BENCH CHECKS TMDE.** Inspects, tests, and repairs item that does not require calibration.

**3.1.2. REPAIRS TMDE.** Repairs and calibrates item. Troubleshoots, removes, and replaces suspect or faulty component. Performs disassembly, inspection, cleaning, adjustment, reassembly, and lubrication of minor component.

**3.1.3. REPAIRS TMDE THAT DOES NOT AFFECT CALIBRATION OF ITEM.** Makes minor repair and/or replaces minor part such as hardware, gasket, tubing, hose, fastener, etc.

**3.1.4. CALIBRATES TMDE THAT REQUIRES MINOR ADJUSTMENT.** Calibrates item that either does not need adjustment or is found to be in tolerance but needs adjustment to peak or maximize a reading.

**3.1.5. CALIBRATES TMDE THAT REQUIRES MAJOR ADJUSTMENT.** Calibrates item that must be adjusted to bring it in tolerance or to meet calibration standard.

**3.1.6. PROCESSES PART REQUEST FOR REPAIRABLE TMDE.**

**3.1.7. CLEANS TMDE.** Cleans item which includes washing, acid bath, buffing, sandblasting, degreasing, decontamination, etc.

**3.1.8. TESTS, INSPECTS, SERVICES TMDE.** Tests, inspects, or services item for which no repair is required.

**3.1.9. VERIFIES AND OBTAINS CALIBRATION PROCEDURE.** Reads procedure before beginning calibration.

**3.1.10. INSPECTS FOR COMPLIANCE WITH APPLICABLE T.O. AND/OR OTHER SAFETY DIRECTIVE.**

**3.2. PROCESSES IMPEDANCE TMDE:**

**3.2.1. BENCH CHECKS TMDE.** Inspects, tests, and repairs item that does not require calibration.

**3.2.2. REPAIRS TMDE.** Repairs and calibrates item. Troubleshoots, removes, and replaces suspect or faulty component. Performs disassembly, inspection, cleaning, adjustment, reassembly, and lubrication of minor component.

**3.2.3. REPAIRS TMDE THAT DOES NOT AFFECT CALIBRATION OF ITEM.** Makes minor repair and/or replaces minor part such as hardware, gasket, tubing, hose, fastener, etc.

**3.2.4. CALIBRATES TMDE THAT REQUIRES MINOR ADJUSTMENT.** Calibrates item that either does not need adjustment or is found to be in tolerance but needs adjustment to peak or maximize a reading.

**3.2.5. CALIBRATES TMDE THAT REQUIRES MAJOR ADJUSTMENT.** Calibrates item that must be adjusted to bring it in tolerance or to meet calibration standard.

**3.2.6. CLEANS TMDE.** Cleans item which includes washing, acid bath, buffing, sandblasting, degreasing, decontamination, etc.

**3.2.7. TESTS, INSPECTS, OR SERVICES TMDE.** Tests, inspects, or services item for which no repair is required.

**3.2.8. VERIFIES AND OBTAINS CALIBRATION PROCEDURE.** Reads procedure before beginning calibration.

**3.2.9. INSPECTS FOR COMPLIANCE WITH APPLICABLE T.O. AND/OR OTHER SAFETY DIRECTIVE.**

**3.3. PROCESSES FREQUENCY GENERATING AND MEASURING TMDE:**

**3.3.1. BENCH CHECKS TMDE.** Inspects, tests, and repairs item that does not require calibration.

**3.3.2. REPAIRS TMDE.** Repairs and calibrates item. Troubleshoots, removes, and replaces suspect or faulty component. Performs disassembly, inspection, cleaning, adjustment, reassembly, and lubrication of minor component.

**3.3.3. REPAIRS TMDE THAT DOES NOT AFFECT CALIBRATION OF ITEM.** Makes minor repair and/or replaces minor part such as hardware, gasket, tubing, hose, fastener, etc.

**3.3.4. CALIBRATES TMDE THAT REQUIRES MINOR ADJUSTMENT.** Calibrates item that either does not need adjustment or is found to be in tolerance but needs adjustment to peak or maximize a reading.

**3.3.5. CALIBRATES TMDE THAT REQUIRES MAJOR ADJUSTMENT.** Calibrates item that must be adjusted to bring it in tolerance or to meet calibration standard.

**3.3.6. CLEANS TMDE.** Cleans item which includes washing, acid bath, buffing, sandblasting, degreasing, decontamination, etc.

**3.3.7. TESTS, INSPECTS, OR SERVICES TMDE.** Tests, inspects, or services item for which no repair is required.

**3.3.8. VERIFIES AND OBTAINS CALIBRATION PROCEDURE.** Reads procedure before beginning calibration.

**3.3.9. INSPECTS FOR COMPLIANCE WITH APPLICABLE T.O. AND/OR OTHER SAFETY DIRECTIVE.**

**3.4. PROCESSES MICROWAVE TMDE:**

**3.4.1. BENCH CHECKS TMDE.** Inspects, tests, and repairs item that does not require calibration.

**3.4.2. REPAIRS TMDE.** Repairs and calibrates item. Troubleshoots, removes, and replaces suspect or faulty component. Performs disassembly, inspection, cleaning, adjustment, reassembly, and lubrication of minor component.

**3.4.3. REPAIRS TMDE THAT DOES NOT AFFECT CALIBRATION OF ITEM.** Makes minor repair and/or replaces minor part such as hardware, gasket, tubing, hose, fastener, etc.

**3.4.4. CALIBRATES TMDE THAT REQUIRES MINOR ADJUSTMENT.** Calibrates item that either does not need adjustment or is found to be in tolerance but needs adjustment to peak or maximize a reading.

**3.4.5. CALIBRATES TMDE THAT REQUIRES MAJOR ADJUSTMENT.** Calibrates item that must be adjusted to bring it in tolerance or to meet calibration standard.

**3.4.6. CLEANS TMDE.** Cleans item which includes washing, acid bath, buffing, sandblasting, degreasing, decontamination, etc.

**3.4.7. TESTS, INSPECTS, OR SERVICES TMDE.** Tests, inspects, or services item for which no repair is required.

**3.4.8. VERIFIES AND OBTAINS CALIBRATION PROCEDURE.** Reads procedure before beginning calibration.

**3.4.9. INSPECTS FOR COMPLIANCE WITH APPLICABLE T.O. AND/OR OTHER SAFETY DIRECTIVE.**

**3.5. PROCESSES TEMPERATURE TMDE:**

**3.5.1. BENCH CHECKS TMDE.** Inspects, tests, and repairs item that does not require calibration.

**3.5.2. REPAIRS TMDE.** Repairs and calibrates item. Troubleshoots, removes, and replaces suspect or faulty component. Performs disassembly, inspection, cleaning, adjustment, reassembly, and lubrication of minor component.

**3.5.3. REPAIRS TMDE THAT DOES NOT AFFECT CALIBRATION OF ITEM.** Makes minor repair and/or replaces minor part such as hardware, gasket, tubing, hose, fastener, etc.

**3.5.4. CALIBRATES TMDE THAT REQUIRES MINOR ADJUSTMENT.** Calibrates item that either does not need adjustment or is found to be in tolerance but needs adjustment to peak or maximize a reading.

**3.5.5. CALIBRATES TMDE THAT REQUIRES MAJOR ADJUSTMENT.** Calibrates item that must be adjusted to bring it in tolerance or to meet calibration standard.

**3.5.6. CLEANS TMDE.** Cleans item which includes washing, acid bath, buffing, sandblasting, degreasing, decontamination, etc.

**3.5.7. TESTS, INSPECTS, OR SERVICES TMDE.** Tests, inspects, or services item for which no repair is required.

**3.5.8. VERIFIES AND OBTAINS CALIBRATION PROCEDURE.** Reads procedure before beginning calibration.

**3.5.9. INSPECTS FOR COMPLIANCE WITH APPLICABLE T.O. AND/OR OTHER SAFETY DIRECTIVE.**

**3.6. PROCESSES ELECTROMECHANICAL AND DIMENSIONAL TMDE:**

**3.6.1. BENCH CHECKS TMDE.** Inspects, tests, and repairs item that does not require calibration.

**3.6.2. REPAIRS TMDE.** Repairs and calibrates item. Troubleshoots, removes, and replaces suspect or faulty component. Performs disassembly, inspection, cleaning, adjustment, reassembly, and lubrication of minor component.

**3.6.3. REPAIRS TMDE THAT DOES NOT AFFECT CALIBRATION OF ITEM.** Makes minor repair and/or replaces minor part such as hardware, gasket, tubing, hose, fastener, etc.

**3.6.4. CALIBRATES TMDE THAT REQUIRES MINOR ADJUSTMENT.** Calibrates item that either does not need adjustment or is found to be in tolerance but needs adjustment to peak or maximize a reading.

**3.6.5. CALIBRATES TMDE THAT REQUIRES MAJOR ADJUSTMENT.** Calibrates item that must be adjusted to bring it in tolerance or to meet calibration standard.

**3.6.6. CLEANS TMDE.** Cleans item which includes washing, acid bath, buffing, sandblasting, degreasing, decontamination, etc.

**3.6.7. TESTS, INSPECTS, OR SERVICES TMDE.** Tests, inspects, or services item for which no repair is required.

**3.6.8. VERIFIES AND OBTAINS CALIBRATION PROCEDURE.** Reads procedure before beginning calibration.

**3.6.9. INSPECTS FOR COMPLIANCE WITH APPLICABLE T.O. AND/OR OTHER SAFETY DIRECTIVE.**

**3.7. PROCESSES RADIOACTIVE DETECTION TMDE:**

**3.7.1. BENCH CHECKS TMDE.** Inspects, tests, and repairs item that does not require calibration.

**3.7.2. REPAIRS TMDE.** Repairs and calibrates item. Troubleshoots, removes, and replaces suspect or faulty component. Performs disassembly, inspection, cleaning, adjustment, reassembly, and lubrication of minor component.

**3.7.3. REPAIRS TMDE THAT DOES NOT AFFECT CALIBRATION OF ITEM.** Makes minor repair and/or replaces minor part such as hardware, gasket, tubing, hose, fastener, etc.

**3.7.4. CALIBRATES TMDE THAT REQUIRES MINOR ADJUSTMENT.** Calibrates item that either does not need adjustment or is found to be in tolerance but needs adjustment to peak or maximize a reading.

**3.7.5. CALIBRATES TMDE THAT REQUIRES MAJOR ADJUSTMENT.** Calibrates item that must be adjusted to bring it in tolerance or to meet calibration standard.

**3.7.6. CLEANS TMDE.** Cleans item which includes washing, acid bath, buffing, sandblasting, degreasing, decontamination, etc.

**3.7.7. TESTS, INSPECTS, OR SERVICES TMDE.** Tests, inspects, or services item for which no repair is required.

**3.7.8. VERIFIES AND OBTAINS CALIBRATION PROCEDURE.** Reads procedure before beginning calibration.

**3.7.9. INSPECTS FOR COMPLIANCE WITH APPLICABLE T.O. AND/OR OTHER SAFETY DIRECTIVE.**

**3.8. PROCESSES ELECTRICAL MEASUREMENT CONSOLE TMDE:**

**3.8.1. BENCH CHECKS TMDE.** Inspects, tests, and repairs item that does not require calibration.

**3.8.2. REPAIRS TMDE.** Repairs and calibrates item. Troubleshoots, removes, and replaces suspect or faulty component. Performs disassembly, inspection, cleaning, adjustment, reassembly, and lubrication of minor component.

**3.8.3. REPAIRS TMDE THAT DOES NOT AFFECT CALIBRATION OF ITEM.** Makes minor repair and/or replaces minor part such as hardware, gasket, tubing, hose, fastener, etc.

**3.8.4. CALIBRATES TMDE THAT REQUIRES MINOR ADJUSTMENT.** Calibrates item that either does not need adjustment or is found to be in tolerance but needs adjustment to peak or maximize a reading.

**3.8.5. CALIBRATES TMDE THAT REQUIRES MAJOR ADJUSTMENT.** Calibrates item that must be adjusted to bring it in tolerance or to meet calibration standard.

**3.8.6. CLEANS TMDE.** Cleans item which includes washing, acid bath, buffing, sandblasting, degreasing, decontamination, etc.

**3.8.7. TESTS, INSPECTS, OR SERVICES TMDE.** Tests, inspects, or services item for which no repair is required.

**3.8.8. VERIFIES AND OBTAINS CALIBRATION PROCEDURE.** Reads procedure before beginning calibration.

**3.8.9. INSPECTS FOR COMPLIANCE WITH APPLICABLE T.O. AND/OR OTHER SAFETY DIRECTIVE.**

**3.9. PROCESSES TMDE USING AUTOMATIC TEST PROCEDURE:**

**3.9.1. BENCH CHECKS TMDE.** Inspects, tests, and repairs item that does not require calibration.

**3.9.2. REPAIRS TMDE.** Repairs and calibrates item. Troubleshoots, removes, and replaces suspect or faulty component. Performs as disassembly, inspection, cleaning, adjustment, reassembly, and lubrication of minor component.

**3.9.3. REPAIRS TMDE THAT DOES NOT AFFECT CALIBRATION OF ITEM.** Makes minor repair and/or replaces minor part such as hardware, gasket, tubing, hose, fastener, etc.

**3.9.4. CALIBRATES TMDE THAT REQUIRES MINOR ADJUSTMENT.** Calibrates item that either does not need adjustment or is found to be in tolerance but needs adjustment to peak or maximize a reading.

**3.9.5. CALIBRATES TMDE THAT REQUIRES MAJOR ADJUSTMENT.** Calibrates item that must be adjusted to bring it in tolerance or to meet calibration standard.

**3.9.6. CLEANS TMDE.** Cleans item which includes washing, acid bath, buffing, sandblasting, degreasing, decontamination, etc.

**3.9.7. TESTS, INSPECTS, OR SERVICES TMDE.** Tests, inspects, or services item for which no repair is required.

**3.9.8. VERIFIES AND OBTAINS CALIBRATION PROCEDURE.** Reads procedure before beginning calibration.

**3.9.9. INSPECTS FOR COMPLIANCE WITH APPLICABLE T.O. AND/OR OTHER SAFETY DIRECTIVE.**

**3.10. PROCESSES TORQUE MEASUREMENT TMDE:**

**3.10.1. BENCH CHECKS TMDE.** Inspects, tests, and repairs item that does not require calibration.

**3.10.2. REPAIRS TMDE.** Repairs and calibrates item. Troubleshoots, removes, and replaces suspect or faulty component. Performs disassembly, inspection, cleaning, adjustment, reassembly, and lubrication of minor component.

**3.10.3. REPAIRS TMDE THAT DOES NOT AFFECT CALIBRATION OF ITEM.** Makes minor repair and/or replaces minor part such as hardware, gasket, tubing, hose, fastener, etc.

**3.10.4. CALIBRATES TMDE THAT REQUIRES MINOR ADJUSTMENT.** Calibrates item that either does not need adjustment or is found to be in tolerance but needs adjustment to peak or maximize a reading.



**3.10.5. CALIBRATES TMDE THAT REQUIRES MAJOR ADJUSTMENT.** Calibrates item that must be adjusted to bring it in tolerance or to meet calibration standard.

**3.10.6. CLEANS TMDE.** Cleans item which includes washing, acid bath, buffing, sandblasting, degreasing, decontamination, etc.

**3.10.7. TESTS, INSPECTS, OR SERVICES TMDE.** Tests, inspects, or services item for which no repair is required.

**3.10.8. VERIFIES AND OBTAINS CALIBRATION PROCEDURE.** Reads procedure before beginning calibration.

**3.10.9. INSPECTS FOR COMPLIANCE WITH APPLICABLE T.O. AND/OR OTHER SAFETY DIRECTIVE.**

**3.11. MANUFACTURES TEST FIXTURE, CABLE, CHART, AND SMALL COMPUTER COMPUTATION PROGRAM.**

**3.12. PREPARES DEFICIENCY REPORT ON NOTED MATERIEL, SOFTWARE, OR WARRANTY DISCREPANCY.**

**3.13. PREPARES AND AFFIXES CERTIFICATION/IDENTIFICATION LABEL TO TMDE IN ACCORDANCE WITH APPLICABLE T.O.**

**3.14. PREPARES AND SUBMITS AFTO FORM 22, TECHNICAL ORDER SYSTEM PUBLICATION IMPROVEMENT REPORT AND REPLY, TO REPORT NOTED TECHNICAL ORDER DISCREPANCY.**

**3.15. DOCUMENTS MAINTENANCE ACTION.** Completes documentation for maintenance action taken into PAMS, deferred item, or hold item. Initiates AF Form 2005, Issue/Turn in Request, for awaiting part (AWP) item.

**4. TIME COMPLIANCE TECHNICAL ORDER (TCTO) PROGRAM:**

**4.1. PERFORMS EQUIPMENT IDENTIFICATION.**

**4.2. PERFORMS TCTO KIT INVENTORY.**

**4.3. SCHEDULES TCTO.**

**4.4. TRACKS TCTO.**

**4.5. PERFORMS EQUIPMENT MODIFICATION:**

**4.5.1. MODIFIES VOLTAGE, CURRENT, AND RESISTANCE TMDE.**

**4.5.2. MODIFIES IMPEDANCE TMDE.**

**4.5.3. MODIFIES FREQUENCY GENERATING AND MEASURING TMDE.**

**4.5.4. MODIFIES MICROWAVE TMDE.**

**4.5.5. MODIFIES TEMPERATURE TMDE.**

**4.5.6. MODIFIES ELECTROMECHANICAL AND DIMENSIONAL TMDE.**

**4.5.7. MODIFIES RADIAC TMDE.**

**4.5.8. MODIFIES ELECTRICAL MEASUREMENT CONSOLE TMDE.**

**4.5.9. MODIFIES AUTOMATIC TMDE.**

**4.5.10. MODIFIES TORQUE MEASURING TMDE.**

**4.6. PERFORMS OPERATIONAL CHECK.**

**4.7. PERFORMS RECALIBRATION.**